## INTERNATIONAL SEARCH REPORT

Internation No
PCT/EP 02/14341

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B29C43/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) TPC 7 R2QC

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Delevent to claim No
	The relevant passages	Relevant to claim No.
X	US 5 578 373 A (KOBAYASHI SEIZO ET AL) 26 November 1996 (1996-11-26) figures 1,3	1-10
X	EP 0 467 323 A (NIPPON OIL CO LTD) 22 January 1992 (1992-01-22) figures 1,2	1-10
x ·	EP 0 875 349 A (DAIKIN IND LTD) 4 November 1998 (1998-11-04) figure 3	1-10
x 	EP 0 721 021 A (NIPPON OIL CO LTD ; POLYMER PROCESSING RES INST (JP)) 10 July 1996 (1996-07-10) figures 1,2	1-10

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
<ul> <li>Special categories of cited documents:</li> <li>'A' document defining the general state of the art which is not considered to be of particular relevance</li> <li>'E' earlier document but published on or after the international filing date</li> <li>'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>'O' document referring to an oral disclosure, use, exhibition or other means</li> <li>'P' document published prior to the international filing date but later than the priority date claimed</li> </ul>	<ul> <li>'T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>'&amp;' document member of the same patent family</li> </ul>
Date of the actual completion of the international search  13 August 2003	Date of malling of the international search report 25/08/2003
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer Schmidt, H

## INTENATIONAL SEARCH REPORT

Internation No
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	Nion) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category •	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	EP 0 917 944 A (SCHILLING KNOBEL GMBH) 26 May 1999 (1999-05-26) figure 1	1-10		
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## INT NATIONAL SEARCH REPORT

Information on patent family members

Internal Application No
PCT/EP 02/14341

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5578373	A	26-11-1996	JP JP CA EP	2938613 B2 5214657 A 2054427 A1 0483780 A2	23-08-1999 24-08-1993 02-05-1992 06-05-1992
EP 0467323	A	22-01-1992	JP JP CA DE DE US	2675182 B2 4077232 A 2047107 A1 69117823 D1 69117823 T2 0467323 A2 5693708 A	12-11-1997 11-03-1992 20-01-1992 18-04-1996 24-10-1996 22-01-1992 02-12-1997
EP 0875349	Α	04-11-1998	EP WO RU	0875349 A1 9722452 A1 2181325 C2	04-11-1998 26-06-1997 20-04-2002
EP 0721021	А	10-07-1996	CA DE EP JP US	2166132 A1 69521674 D1 0721021 A2 8229967 A 5702657 A	28-06-1996 16-08-2001 10-07-1996 10-09-1996 30-12-1997
EP 0917944	А	26-05-1999	DE CA CN DE WO EP EP JP NO TW US	19751516 A1 2310731 A1 1102489 B 59807215 D1 9926773 A1 0917944 A2 1045751 A1 2001523604 T 20002604 A 443959 B 6217700 B1	27-05-1999 03-06-1999 05-03-2003 20-03-2003 03-06-1999 26-05-1999 25-10-2000 27-11-2001 21-07-2000 01-07-2001 17-04-2001